

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 28 NORTH Rge. 18 EAST

[illegible]

GW 3

File No.

DUPLICATE

T. 28 R. 18

County Elaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1900 \*

George C.

Owner Francesa M. Read Address Lloyd, Montana

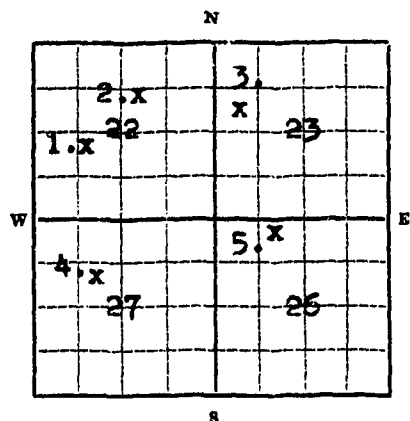
Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \* \_\_\_\_\_ Date Completed \_\_\_\_\_

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural springs

\* This notice is filed as a declaration of vested groundwater rights. Use described started in early homestead days and has been continuous since.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

(1.) NE 1/4 SW 1/4 Sec. 22, T. 28 R. 18

Indicate point of appropriation and place of use, if possible.

(2.) SW 1/4 NE 1/4 22 28 18  
(3.) SW 1/4 NW 1/4 23 28 18  
(4.) SE 1/4 NW 1/4 27 28 18  
(5.) NE 1/4 NW 1/4 26 28 18

Flow 4 gal./min. (Estimated using bucket.)

Natural spring, flow. 2 gals./min. (Est. using bucket)  
Natural spring flow. 6 gals./min. (Est. using bucket.)  
Natural spring flow. 4 gals./min. (Est. using bucket.)  
Natural spring flow. 15 gals./min. (Est. using bucket.)

Signature of Owner Francesa M. Read

Date 12-25-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4/28/84

257667  
257667

STATE OF MONTANA)  
County of Blaine

FILED FOR RECORD THIS 15<sup>th</sup> DAY  
OF Feb. A. D. 19 66  
AT 9:02 P. M.  
Cora L. Munger  
Clerk  
Catherine Sheets  
Deputy  
SEE 2.00

GW3

## STATE WATER CONSERVATION BOARD

File No.

FEB 17 1966

T. 28 R. 18

DUPLICATE

County Elaine

State of Montana

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1900 \*

George C.

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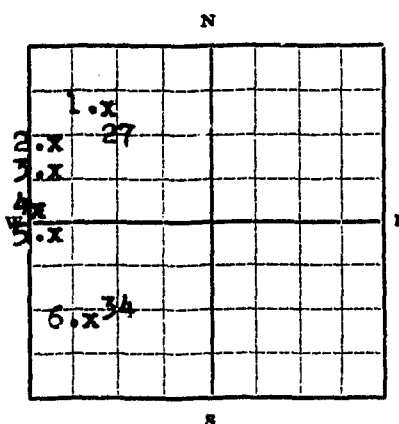
Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ \* Date Completed \_\_\_\_\_

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural springs.

\* This notice is filed as a declaration of vested groundwater rights. Use described started in early homestead days and has been continuous since.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

(1.) SE 1/4 NW 1/4 Sec. 27 T. 28 R. 18

Indicate point of appropriation and place of use, if possible.

(2.) NW 1/4 SW 1/4 27 28 18  
 (3.) NW 1/4 SW 1/4 27 28 18  
 (4.) SW 1/4 SW 1/4 27 28 18  
 (5.) NW 1/4 NW 1/4 34 28 18  
 (6.) NE 1/4 SW 1/4 34 28 18

Flow 10 gals./min. (Estimated using bucket.)

Flow 10 gals./min. (Estimated using bucket.)

Flow 5 gals./min. (Estimated using bucket.)

Flow 20 gals./min. (Estimated using bucket.)

Flow 5 gals./min. (Estimated using bucket.)

Flow 3 gals./min. (Estimated using bucket.)

Signature of Owner

*Francesa M. Read*Date 12-26-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4447

257666  
257666

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 15 DAY  
OF Feb A. D. 1966  
AT 4:01 P. M.  
Cora L. Mungie  
County Clerk  
Catherine Stett  
DEPUTY  
FOR 2<sup>nd</sup>

## GROUNDWATER INDEX

Page / of /

County BLAINE Twp. 28 NORTH Rge. 19 EAST

[illegible]

County BLAKE

50,780

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
12	12.5	12.5
12.5	13	13
13	13.5	13.5
13.5	14	14
14	14.5	14.5
14.5	15	15
15	15.5	15.5
15.5	16	16
16	16.5	16.5
16.5	17	17
17	17.5	17.5
17.5	18	18
18	18.5	18.5
18.5	19	19
19	19.5	19.5
19.5	20	20
20	20.5	20.5
20.5	21	21
21	21.5	21.5
21.5	22	22
22	22.5	22.5
22.5	23	23
23	23.5	23.5
23.5	24	24
24	24.5	24.5
24.5	25	25
25	25.5	25.5
25.5	26	26
26	26.5	26.5
26.5	27	27
27	27.5	27.5
27.5	28	28
28	28.5	28.5
28.5	29	29
29	29.5	29.5
29.5	30	30
30	30.5	30.5
30.5	31	31
31	31.5	31.5
31.5	32	32
32	32.5	32.5
32.5	33	33
33	33.5	33.5
33.5	34	34
34	34.5	34.5
34.5	35	35
35	35.5	35.5
35.5	36	36
36	36.5	36.5
36.5	37	37
37	37.5	37.5
37.5	38	38
38	38.5	38.5
38.5	39	39
39	39.5	39.5
39.5	40	40
40	40.5	40.5
40.5	41	41
41	41.5	41.5
41.5	42	42
42	42.5	42.5
42.5	43	43
43	43.5	43.5
43.5	44	44
44	44.5	44.5
44.5	45	45
45	45.5	45.5
45.5	46	46
46	46.5	46.5
46.5	47	47
47	47.5	47.5
47.5	48	48
48	48.5	48.5
48.5	49	49
49	49.5	49.5
49.5	50	50
50	50.5	50.5
50.5	51	51
51	51.5	51.5
51.5	52	52
52	52.5	52.5
52.5	53	53
53	53.5	53.5
53.5	54	54
54	54.5	54.5
54.5	55	55
55	55.5	55.5
55.5	56	56
56	56.5	56.5
56.5	57	57
57	57.5	57.5
57.5	58	58
58	58.5	58.5
58.5	59	59
59	59.5	59.5
59.5	60	60
60	60.5	60.5
60.5	61	61
61	61.5	61.5
61.5	62	62
62	62.5	62.5
62.5	63	63
63	63.5	63.5
63.5	64	64
64	64.5	64.5
64.5	65	65
65	65.5	65.5
65.5	66	66
66	66.5	66.5
66.5	67	67
67	67.5	67.5
67.5	68	68
68	68.5	68.5
68.5	69	69
69	69.5	69.5
69.5	70	70
70	70.5	70.5
70.5	71	71
71	71.5	71.5

85 Show exact depth of bottom

59,780



Doc. No. 269459  
Filed for record  
this 30 day of June  
A. D. 19 72, at 4:17  
o'clock P M.

SEP 11 1972

U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

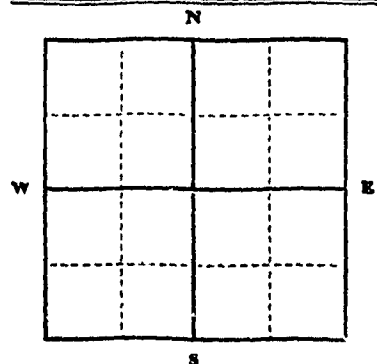
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Murphy  
Address Chinook  
Mont  
Date well started May 30-72  
completed June 1  
Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Rotary  
(Churn drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 45 - 80

ESTIMATED ANNUAL WITHDRAWAL 2,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2"</u>	<u>5" 10</u> <u>20# 16</u> <u>PM 7</u>	<u>0</u>	<u>80</u>	<u>Slater</u>	<u>20</u>	<u>80</u>



N.E. 1/4 Sec. 4  
T. 28 N. R. 19 E. 4

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature G. M. O. Lee  
Driller's Address HAVER MONT

LICENSE NO. 21

County BLAINE

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>0</u>	<u>20</u>
<u>BARKEN SANDSTONE</u>	
<u>CLAY</u>	
<u>20</u>	<u>80</u>
<u>SHALE</u>	

80 Show exact depth of bottom

50,779

JUL 3 1972

County BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Murphy

Address Chickadee

Mont

Date well started May 30, 72

completed June 1

Type of well Drilled

Equipment used Rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

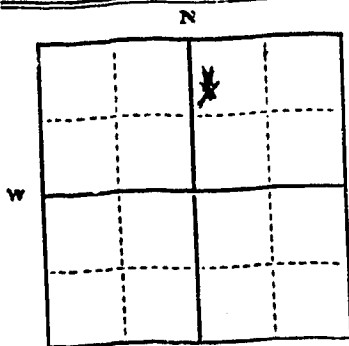
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 46 - 21

ESTIMATED ANNUAL WITHDRAWAL 2,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	6" 10	0	80	Slot 20	20	60



1/4 Sec. 4  
T. 28 N. R. 13 E. S. 3

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Garret L. Lee

Driller's Address Blaine Mont

LICENSE NO. 21

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	20	Gravel, sand, clay
20	60	Shale

80 Show exact depth of bottom

50,779

Doc. No. 269459  
Filed for record  
this 30 day of June  
A. D. 19 72 at 11:17  
o'clock P. M.

File No. ....

T. 39N. R. 20E.

DUPLICATE

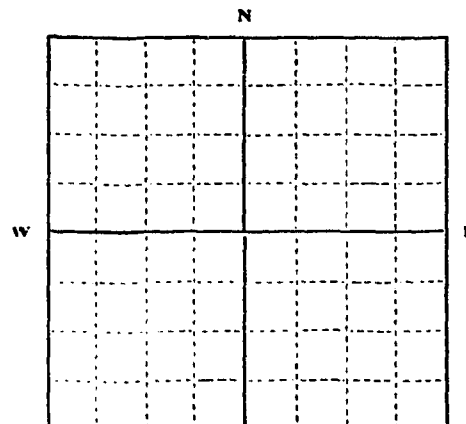
County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Laws, 1961)

1. Elizabeth Dunbar, Joe Dunbar and George Dunbar of Chinook (Address) (Town)  
County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



See plat attached.

 $\frac{1}{4}$  Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stockwater, domestic and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1927 and before as to springs; Well #1, 1957; Well #2, 1959; continuous since first use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well #1, 1 gpm; Well #2, 1 gpm. Springs: #1, 26 Gpm; #2, 3 gpm; #3, 6 gpm; #4, 2 gpm; #5, 15 gpm; #6, 2 gpm; #7, 2 gpm; #8, 3 gpm; #9, 2 gpm; #10, 2 gpm.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 8 acres, mostly in NE 1/4 28-28-19; 4 acres in NW 1/4 NE 1/4 SE 1/4 NE 1/4 of Sec. 21-28-19.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps on both wells, with electric pumps. Withdrawal from all springs by natural flow. See plat attached and also reverse side of this form.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well #1 in 1957; Well #2, started in fall of 1959, completed about January, 1960. Withdrawal from springs started before 1927.
8. The depth of water table Well #1, 25'; Well #2, 20'; springs, not known.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Wells, #1, 25', pump with pressure tank, 1 1/2" pipe, electric motor; #2, 20' deep, pump with tank springs, water withdrawn by natural flow.
10. The estimated amount of groundwater withdrawn each year 36,000,000 gal
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

*Elizabeth Dunbar*  
*George Dunbar*  
*Joe Dunbar*

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

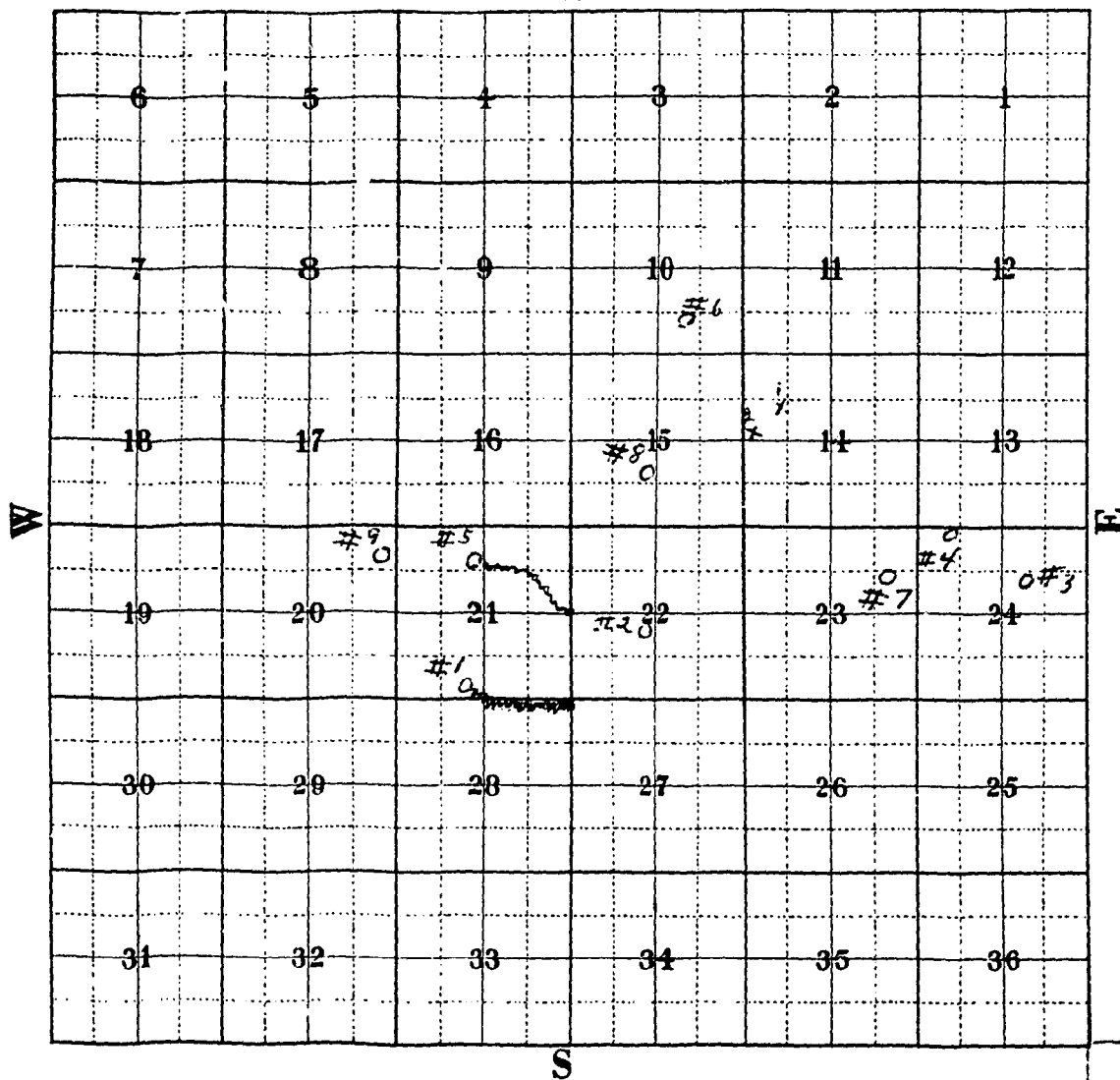
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21949

No. 6.

Well No. 1, N $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 14-28-19;  
Well No. 2, W $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 14-28-19;  
Spring No. 1, SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21-28-19;  
Spring No. 2, NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 22-28-19;  
Spring No. 3, SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 24-28-19;  
Spring No. 4, NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 24-28-19;  
Spring No. 5, E $\frac{1}{2}$ NW $\frac{1}{4}$  of Section 21-28-19;  
Spring No. 6, SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 10-28-19;  
Spring No. 7, SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 28-28-19;  
Spring No. 8, NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 15-28-19;  
Spring No. 9, NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 20-28-19;  
Spring No. 10, Lot 2, of Section 6-27-20;

**DIAGRAM**  
 of  
**Township No. 28 N Range No. 19 E**  
Blaine County, State of Montana  
**N**



X - 2 Wells  
 O - 10 springs  
 ~~~~ - irrigated area

|         |  |     |
|---------|--|-----|
|         |  | #10 |
|         |  | O   |
| Sec 6 - |  |     |
| 17-20   |  |     |

252110  
252110  
STATE OF MONTANA  
County of Blaine  
FILED FOR RECORD THIS 31 DAY  
OF December A. D. 1963  
AT 2:30 O'CLOCK P. M.  
Cora L. Munsie  
COUNTY CLERK  
Cathie Sheet  
DEPUTY  
FEE 2.00



**Developed after January 1, 1962**

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

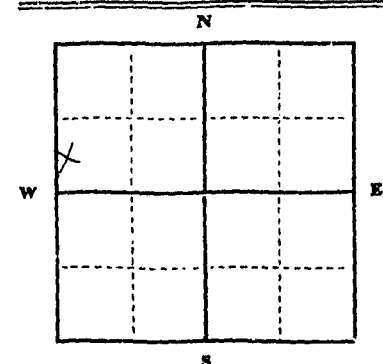
completed                     

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

and Addition). .....

ESTIMATED ANNUAL WITHDRAWAL .....

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
|                      |                           |             |           |              | 10          | 20        |
|                      |                           |             |           |              | 40          | 70        |



\*Measured from ground level.  
Well developed by pump  
for 9 hours.  
Power 11 Pump - HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

1/4 SW 1/4 Sec 26  
T. 28 N. R. 12 E.  
S W

Driller's Address 11242 11247

LICENSE NO. 21

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) \_\_\_\_\_

[illegible]

70 Show exact depth of bottom

51,220

269793

STATE OF MONTANA  
County of Blaine

Filed for record this 22 Day  
of August A. D. 19 72  
At 3.65 O'Clock P M.

County Clerk  
Reuben A. Schmidt  
Deputy  
Fee 2.00

FILED  
MONTA  
654-1132  
1952-3724

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 22 NORTH Rge. 20 EAST

[illegible]

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL  
Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

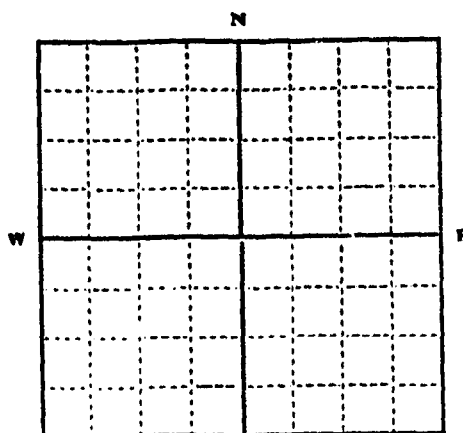
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 275562

June 29, 1973

GW 1 3257122



See Exhibit "A"

..... 1/4 ..... 1/4 Sec.....

T..... N R..... E  
S W

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated .....

Owner MITCHELL RANCH COMPANY

Address Chinook, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started ..... Date Completed early homestead days

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)  
developed springs

2. Means of withdrawing water (gravity, pump, canal, etc.)  
gravity

3. Depth of water table unknown

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)  
Spring #1, 10 g/p/m; #2, 10 g/p/m; #3, 10 g/p/m

6. If used for irrigation, give number of acres and description of land  
NA

7. Estimate amount of water used each year  
unknown

8. Months of year spring flows  
entire year

MITCHELL RANCH COMPANY  
/s/ Douglas L. Mitchell

Signature of Owner June 29, 1973, Director

Date .....

54551

272362  
272262

STATE OF MONTANA  
County of Blaine

Filed for record this 29 Day  
of June A. D. 19 13  
At 3:25 O'Clock 2 M.

County Clerk

Deputy

Fee \_\_\_\_\_

Township No. 28N Range No. 20E Meridian

EXHIBIT "A"

Rge. ....

Rge. ....

Rge. ....

|    |    |    |    |    |                         |    |    |
|----|----|----|----|----|-------------------------|----|----|
| 26 | 31 | 32 | 33 | 34 | 35                      | 36 | 37 |
| 1  | 6  | 5  | 4  | 3  | (1) •<br>(2) •<br>(3) • | 2  | 7  |
| 12 | 1  | 8  | 9  | 10 | 11                      | 12 | 7  |
| 13 | 18 | 17 | 16 | 15 | 14                      | 13 | 18 |
| 24 | 19 | 20 | 21 | 22 | 23                      | 24 | 19 |
| 25 | 30 | 29 | 28 | 27 | 26                      | 25 | 30 |
| 36 | 31 | 32 | 33 | 34 | 35                      | 36 | 37 |
| 1  | 6  | 5  | 4  | 3  | 2                       | 1  | 6  |

OPINION PRINT, CRINCOA, MONT.

MEMORANDUM

Spring #1 located in SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 2, Township 28N, Range 20E

Spring #2, located in NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 2, Township 28N, Range 20E

Spring #3, located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 2, Township 28N, Range 20E

ORIGINAL  
Duplicate

25 20  
County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION  
WITHOUT WELL

(Under Chapter 237 Mont. Session Laws, 1961)

Date of Appropriation of Groundwater December 30, 1963

Owner James Halseth Address Chinook, Montana

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Describe means of obtaining groundwater with a well  
"as by sub-irrigation and other natural processes".  
Include depth to water when applicable \_\_\_\_\_

Natural springs

Quantity of water developed and used with explanation  
of method used to measure or estimate such amount. If  
use is intermittent estimate approximate lengths of  
periods of use \_\_\_\_\_

Signature of Owner James A. Halseth  
Date December 30, 1963

\*\*\*\*\*  
State of Montana }  
County of Blaine } ss.

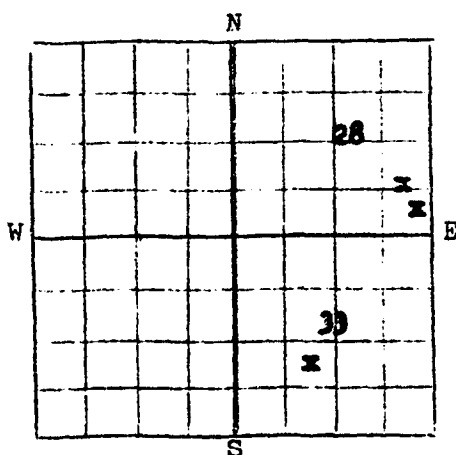
James Halseth having first been duly sworn, depose 1  
say 1 that he is of lawful age and is the appropriator  
and claimant of the order and water right mentioned in the fore-  
going notice of completion of groundwater appropriation without well and the person  
whose name is subscribed thereto, as the appropriator and claimant  
that he know 1 the contents of said foregoing notice and that the  
matters and things therein stated are true.

James A. Halseth

Subscribed and sworn to before me, this 30 day of December, 1963

Notary Public for the State of Montana

21821



1 Sec. 1 T 1 R

Indicate point of appropriation  
and place of use, if possible.

**2 springs in SE SE of 28-28-20**  
**1 spring in NEW 33-28-20**

251978

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 30 DAY  
OF December A. D. 1963  
AT 8 O'CLOCK P. M.  
Carr L. Mayne  
COUNTY CLERK  
E. A. Shurt  
DEPUTY  
FEE 2.00



## GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 28 NORTH Rge. 21 EAST

[illegible]

GW 3

Approved Stock Form—State Publishing Co. Helena, Montana 59109

File No. ....

T. 29 R. 29

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 6 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 30, 1963

Owner Kuhr Land and Livestock Address Chinoek, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Natural Springs

|                        |                          |
|------------------------|--------------------------|
| N                      |                          |
| <u>X</u>               |                          |
| <u>Sec 8 T-28 R-21</u> |                          |
|                        |                          |
| <u>Sec 5 T-28-21</u>   | <u>Sec 14- T-29 R-20</u> |
| <u>X</u>               |                          |
|                        | <u>X</u>                 |
| S                      |                          |

..... 1/4..... Sec..... T..... R.....

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

k ~~Intermittent~~ Continuous Use

Signature of Owner.....

Date.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

252018  
252018

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 30 DAY  
OF December A. D. 1963  
AT 2:15 O'CLOCK P. M.  
Cora L. Magnuson  
COUNTY CLERK  
Esther Shurt  
DEPUTY  
FEE 2.00

County.....**Blaine**.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

**Developed After January 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 27352

24 1973

GW 1 3:15 p.m.

N

S

W

E

\* See Exhibit "A"

..... 1/4 ..... 1/4 Sec. ....

T..... N R..... E  
S W

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-

mated .....

Owner MITCHELL RANCH COMPANY

Address Chinook, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started \_\_\_\_\_ Date Completed early homestead days

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed springs and hand dug wells

2. Means of withdrawing water (gravity, pump, canal, etc.) springs - gravity; wells - pump

3. Depth of water table unknown

4. Use of the water springs - stock water; wells, stock water - domestic

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Spring #1, 8 g/p/m; #2, 8 g/p/m; #3, 5 g/p/m; #4, 5 g/p/m; Well #1, 5 g/p/m; #2, 5 g/p/m; #3, 30 g/p/m; #4, 20 g/p/m; Spring #5, 20 g/p/m; #6, 7, 8, 15 g/p/m

6. If used for irrigation, give number of acres and description of land NA

7. Estimate amount of water used each year Unknown

8. Months of year spring flows entire year

Signature of Owner \_\_\_\_\_  
 Date \_\_\_\_\_

MITCHELL RANCH COMPANY  
 /s/ Douglas L. Mitchell  
 Director  
 June 29, 1973  
 TREASURER

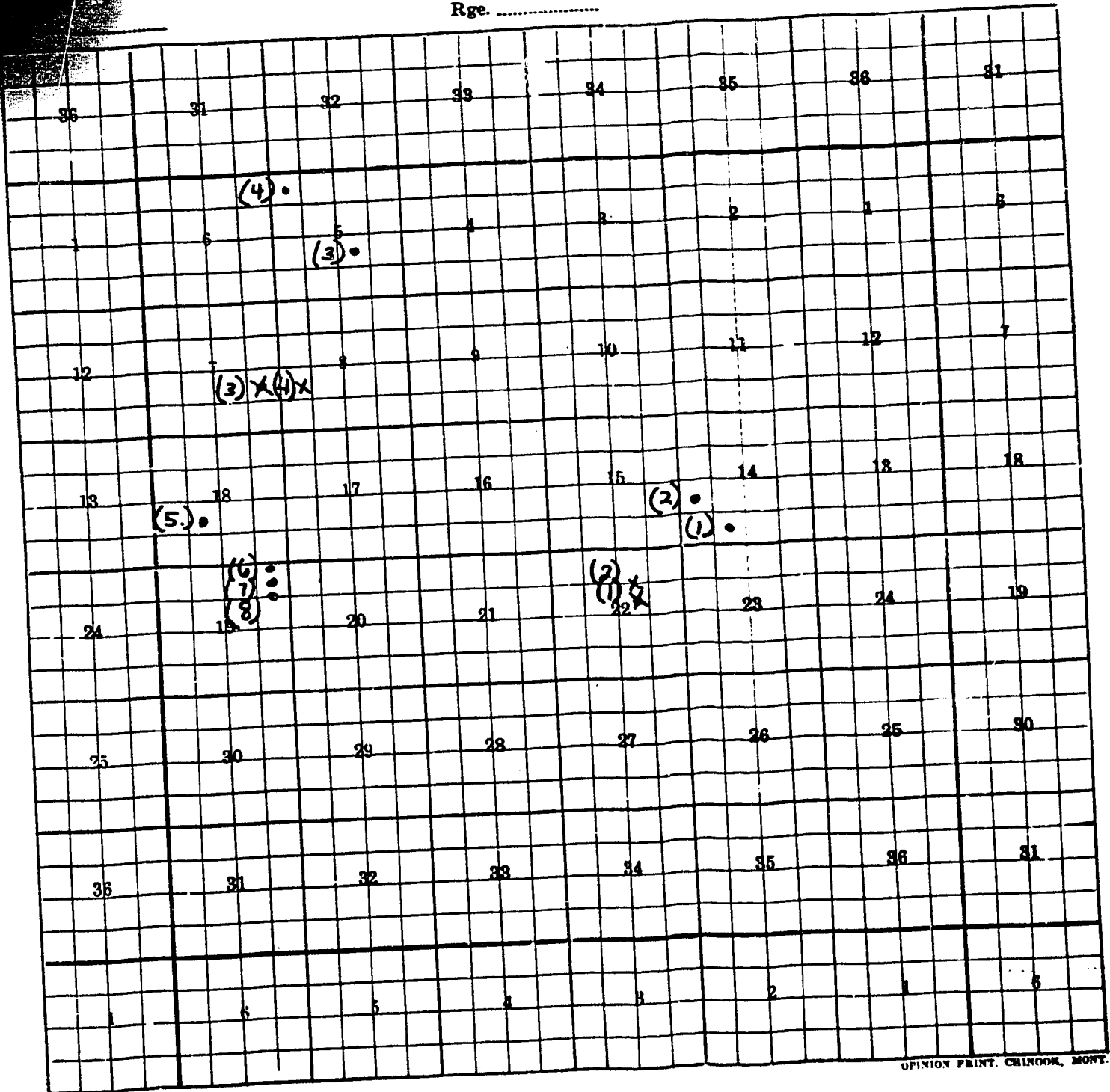
54532

No. 28 North Range No. 21 East Meridian

EXHIBIT "A"

Rge. ....

Rge. ....



UPINION PRINT. CHINOOK, MONT.

# MEMORANDUM

Wells - X  
Springs - .

- Spring #1 located in SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 14, Township 28N, Range 21E
- Spring #2 located in NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 14, Township 28N, Range 21E
- Spring #3 located in NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 5, Township 28N, Range 21E
- Spring #4 located in NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 5, Township 28N, Range 21E
- Well #1 located in SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 22, Township 28N, Range 21E
- Well #2 located in SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 22, Township 28N, Range 21E
- Well #3 located in NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 7, Township 28N, Range 21E
- Well #4, located in NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 8, Township 28N, Range 21E
- Spring #5 located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 18, Township 28N, Range 21E
- Spring #6, located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 19, Township 28N, Range 21E
- Spring #7, located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 19, Township 28N, Range 21E
- Spring #8, located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 19, Township 28N, Range 21E

TF 272352  
272352

STATE OF MONTANA )  
County of Blaine )

Filed for record this 29 Day  
of June A. D. 19 73  
At 3.15 O'Clock P.M.

\_\_\_\_\_  
County Clerk

\_\_\_\_\_  
Deputy

Fee \_\_\_\_\_

File No. ....

T. 28 N. R. 21 E.M.M.

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 6 1964  
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater prior to 1937

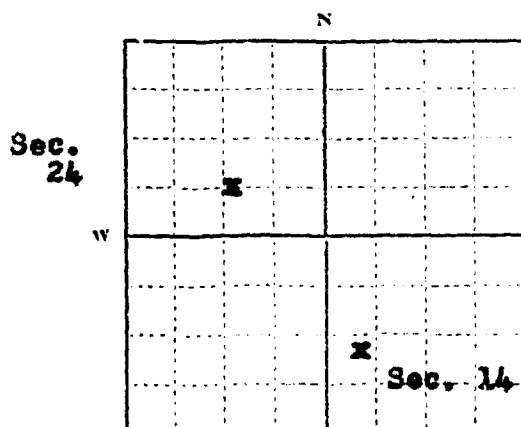
Owner James B. Spencer Address Chinook, Montana

Contractor (if any) none

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 2 springs, water obtained by natural flow. Depth not known. Used for stockwater. One spring located in SE 1/4 of Sec. 24-28-21; one spring located in SW 1/4 of Sec. 14-28-21.



SE 1/4 Sec. 24-28-21  
SW 1/4 Sec. 14-28-21  
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Amount of water claimed from each spring, 1 1/2 Gal. per min. Springs used continuously, since 1937 and before, for stockwater. No works constructed. This notice is filed as a declaration of vested groundwater rights. estimated amount of water withdrawn from each spring per yr.: 800,000 gals.

Signature of Owner James B. Spencer

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

252138

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 31 DAY  
OF December A. D. 1963  
AT 4:50 O'CLOCK P. M.  
Cora L. Magnusson  
COUNTY CLERK  
Esther Shuck  
DEPUTY  
FEB 2 00



GW 3

File No. ....

DUPLICATE

T. 28 N. R. 21 E

County BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater NOV 15, 1954

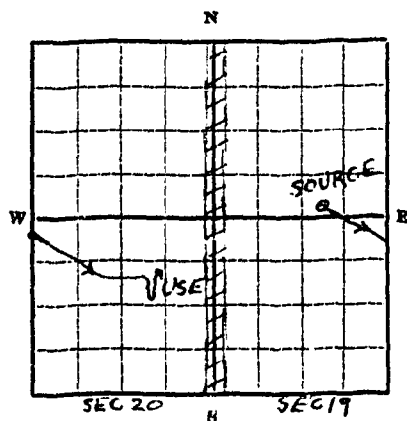
Owner HALDEMANN RANCH Address CHINDOK, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started AUGUST 3, 1932 Date Completed OCT 12, 1932

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. VEIN TAPPED TEN FEET BELOW SURFACE WITH ROCK PACKED COLLECTION BOX AND PIPED 4000 FEET TO HOUSE AND CORRAL.



SE 1/4 NE 1/4 Sec. 19 T. 28 N. R. 21 E.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

tent estimate approximate lengths of periods of use FOUR

GALLONS PER MINUTE DEVELOPED.

MEASURED WITH GRADUATED CONTAINER

AT INLET TO STOCK TANK. USED THE

YEAR AROUND FOR DOMESTIC AND LIVESTOCK USE

Signature of Owner by John C. Haldermann

Date Feb 8, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA

8

County ~~Yellowstone~~

62

FILED FOR RECORD THIS ~~13th~~ DAY

OF ~~A. H. Dorn~~ A. D. 19

AT O'Clock M.

1.00

COUNTY CLERK

DEPUTY

FEE

GW3

File No. ....

DUPLICATE

T. 28 N R. 21 ECounty BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

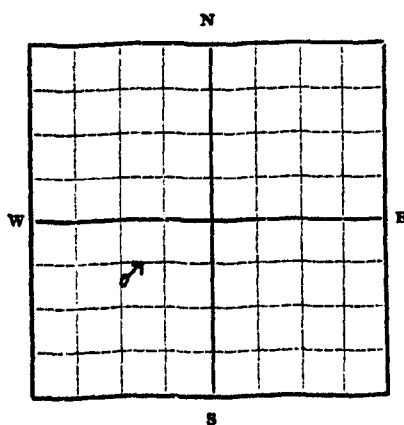
Date of Appropriation of Groundwater SEPT 23, 1958Owner HALDEMAN RANCH Address CHINDOK, MONT.Contractor (if any) NONEAddress of Contractor NONEDate Started SEPT 8, 1958 Date Completed SEPT 23, 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable. WATER COLLECTED FROM TWO VEINS, ONE 3 FEET AND ANOTHER 5 FEET FROM SURFACE WITH 100 FEET OF PERFORATED TILE TO COLLECTION BOX AND PIPED 400 FEET TO STOCK TANK

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use THREE GALLONS PER MINUTE MEASURED AT INLET TO TANK WITH GALLON CAN USED THE YEAR AROUND

NE 1/4 SW 1/4 Sec 20 T 28 R 21

Indicate point of appropriation and place of use, if possible.

Signature of Owner by Haldey Ranch  
John C. HaldeyDate Feb 8, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS \_\_\_\_\_ DAY  
OF \_\_\_\_\_ 8 A. D. 19\_\_\_\_  
AT February O'CLOCK \_\_\_\_\_ M. 62  
11.10 A

A.H.Dora

COUNTY CLERK

FEE

0

DEPUTY

GW 3

File No.....

DUPLICATE

T. 28 N. R. 21 E

County BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater AUG 14, 1955

Owner HALDEMANN RANCH Address CHINOOK, MONT.

Contractor (if any) NOT APPLICABLE

Address of Contractor N/A

Date Started AUG 12, 1955 Date Completed AUG 14, 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

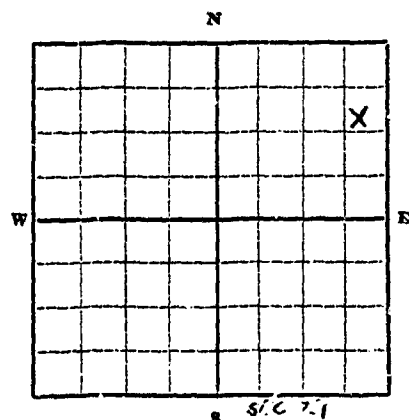
water when applicable. WATER VEIN SIX FEET  
BELOW SURFACE. OBTAINED WITH FORTY  
FEET OF SIX INCH GRAVEL - PACKED  
COLLECTION TILE TO BOX AND 120 FEET  
1 1/2 INCH PIPE TO STOCK TANK

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

TWO  
GALLONS PER MINUTE MEASURED  
WITH GRADUATED CONTAINER AND  
WATCH AT END OF 1 1/2 INCH PIPE.  
YEAR AROUND USE

Signature of Owner Haldemann Ranch by J. C. Haldemann

Date Feb 8, 1962



NE 1/4 NE 1/4 Sec. 29 T. 28 R. 21

Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

STATE OF MONTANA)

County of Blaine }

FILED FOR RECORD THIS \_\_\_\_\_ DAY

OF \_\_\_\_\_ A. D. 19 \_\_\_\_\_

AT \_\_\_\_\_ O'CLOCK \_\_\_\_\_ M.

11.10

A.H. Dora

COUNTY CLERK

DEPUTY

1.50

GW 3

File No. ....

DUPLICATE

T. 28 N R. 21 E

County BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater NOV 15, 1954

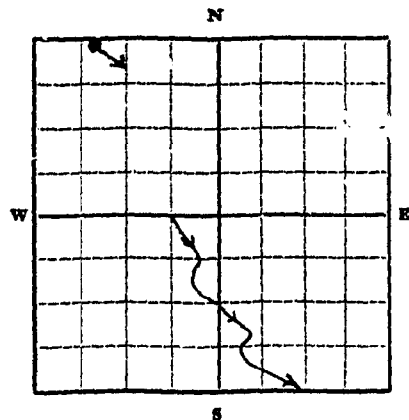
Owner HALDEMANIN RANCH Address CHINDOCK, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started NOV 15, 1954 Date Completed NOV 15, 1954

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. WATER COMING OUT OF GRAVEL AT SURFACE AND CREATING SMALL STREAM FOR APPROXIMATELY ONE MILE



NW 1/4 NW Sec. 31 T. 28 R. 21

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use SIX

GALLONS PER MINUTE. FUNNELED AND PIPED TO GRADUATED CONTAINER. YEAR AROUND USE FOR LIVESTOCK WATER

Signature of Owner by Haldeiman Ranch John C. Haldeiman

Date Feb 8, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 8 DAY  
OF February A. D. 1962  
AT 11.10 O'CLOCK A. M.

A. H. Dorn

COUNTY CLERK

FEE 1.00

DEPUTY



GW2

File No. ....

DUPLICATE

T. 28 N. R. 21 E

County. BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 14 1962

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater AUG. 20, 1955

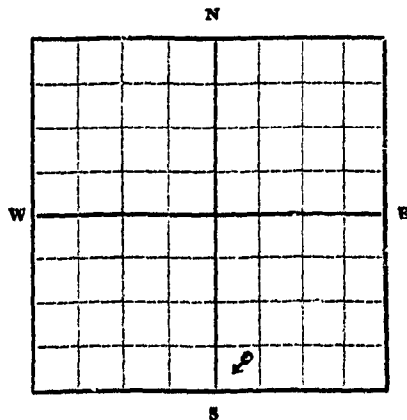
Owner HALDEMANN RANCH Address CHINDOOK, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started AUG. 15, 1955 Date Completed AUG. 20, 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. WATER VEIN AT 3 FEET  
COLLECTED IN WOODEN BOX AND PIPED  
TO STOCK TANK



SW 1/4 Sec. 32 T. 28 R. 21

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use ONE

HALF GALLON PER MINUTE MEASURED  
WITH GALLON CAN AT OUTLET PIPE.  
USED ALL YEAR

Signature of Owner by Haldermann Ranch  
John C. Haldermann

Date Feb. 8, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 8 DAY  
OF February A. D. 1962  
AT 11.10 O'CLOCK A. M.  
A. H. Dorn  
COUNTY CLERK

FEE 1.00 DEPUTY

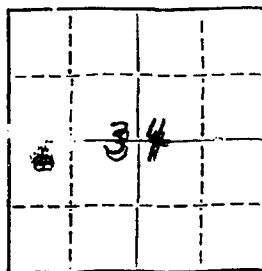
T. 28 N R. 21 E  
County BLAINE

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUN 27 1961

WATER WELL LOG  
HALDEMANN RANCH

STATE ENGINEER



Owner ART HALDEMANN Address CHINOOK, MONT

Driller SIMPSON DRILLING CO. Address MALTA, MONT

Date Started 14 JUNE 1961 Date Completed 16 JUNE 1961

Location: Sec. 34 T. 28 N R. 21 E 1/4 sec. SW 1/4

Type of well DRILLED Equipment used CHURN DRILL  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 180 ft. Type STEEL Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 40-44 95-107 to ft. 113-116 Ft. 133-148 to ft. 160-180

Type of screen or perforations 1/4" HOLES DRILLED IN CASING

Static Water level, for non-flowing well: 36 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 126 feet at 8 gal. per min.

How tested: BAILER

Length of test 1 1/2 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

| Depth, feet |     | Description of Material Drilled       |
|-------------|-----|---------------------------------------|
| From        | To  |                                       |
| 0           | 6   | GREY SHALE                            |
| 6           | 23  | BROWN SANDSTONE                       |
| 23          | 42  | GREY SHALY SANDSTONE                  |
| 42          | 56  | HARD SHELL - 4 GPM WATER JUST ABOVE   |
| 56          | 70  | GREY SHALY SANDSTONE                  |
| 70          | 72  | GREY SHALE                            |
| 72          | 82  | GREY SANDSTONE                        |
| 82          | 87  | GREY SHALE                            |
| 87          | 99  | GREY SANDY SHALE                      |
| 99          | 107 | GREY SANDSTONE                        |
| 107         | 113 | GREY SHALE                            |
| 113         | 116 | GREY SANDSTONE                        |
| 116         | 133 | GREY SHALE + SANDSTONE IN THIN LAYERS |
| 133         | 148 | GREY SANDSTONE                        |
| 148         | 160 | BLACK SHALE                           |
| 160         | 165 | TAN SANDSTONE                         |
| 165         | 180 | GREY SANDSTONE                        |
|             |     | END                                   |

File No. \_\_\_\_\_

T 21A R 21E 36

DUPLICATE

County Blaine

Top of Ground  
(Elev. above sea level \_\_\_\_\_)  
previous depth \_\_\_\_\_  
100 gray shale  
125 sandy gray shale  
187 hard shale  
189 sandstone shale layers  
203 sandstone  
215 sandstone  
225 blue shale

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groun iwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Bear Paw Angus, Inc.

Owner Robert Cherry Address Cleveland Mont.Driller Simpson Drilling Co. Address Malta, Mont.

Date of Notice of appropriation of ground water \_\_\_\_\_

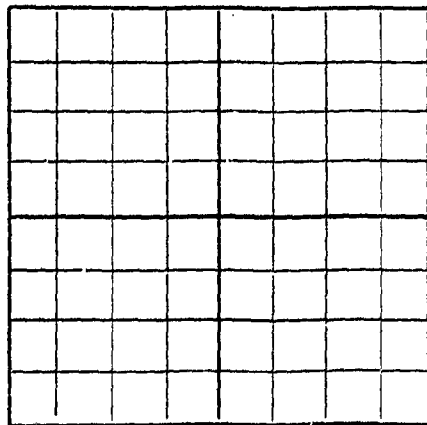
Date well started Aug 19 Date Completed Sapt. 3 1962

Type of well Drilled Equipment used Cable Tools  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 5"                   | 4" 14lbs                  | 94          | 225       | 3/16         | 203         | 215       |



NE 1/4 Sec 30 T14N R21E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well  
44' feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 160 feet

at 4 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested pump

Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if

used for irrigation) \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

15  
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

225  
Show exact depth of bottom.

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS \_\_\_\_\_ DAY.

OF \_\_\_\_\_ A. D. 19\_\_\_\_

AT \_\_\_\_\_ O'Clock \_\_\_\_\_ M.

\_\_\_\_\_  
COUNTY CLERK

\_\_\_\_\_  
DEPUTY

Doc. # 247476

247476

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS \_\_\_\_\_ DAY

OF December \_\_\_\_\_ A. D. 1962

AT 11.10 \_\_\_\_\_ A. M.

A. H. Dorn

\_\_\_\_\_  
COUNTY CLERK

\_\_\_\_\_  
FEE \$2.00 paid

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 2E NORTH Rge. 22 EAST

| Sec.             | Name of Appropriator         | Type of Form    | County File No.   | Remarks     |
|------------------|------------------------------|-----------------|-------------------|-------------|
| 11               | SLEET BROTHERS               |                 | 252118            |             |
| 30               | SPENCER, JAMES B.            |                 | 252136            | } SAME FORM |
| 31               | " "                          |                 | 252136            |             |
| 31               | SPENCER, JAMES J.            |                 | 252137            |             |
| <del>30/31</del> | <del>Spencer, James B.</del> | <del>GW 4</del> | <del>252136</del> |             |

File No. ....  
DUPLICATE

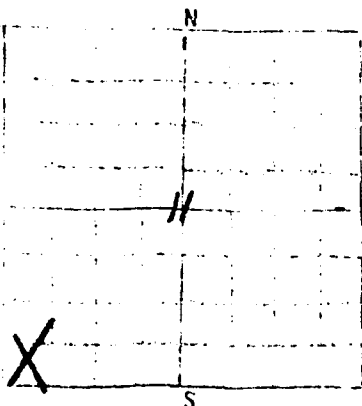
T. 28. 22  
County Blue

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1951)

Declarant, Robert Cox, of Chenish  
(Name of Appropriator) (Address) (Town)

County of Blue State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1,  
1952, as follows:



2. The beneficial use on which the claim is based.....  
Stock & Domestic

3. Date or approximate date of earliest beneficial use,  
and how continuous the use has been.....  
1952 Seasonal

4. The amount of groundwater claimed (in miner's inches  
or gallons per minute).....  
25 to 50 gal. per minute

5. If used for irrigation, give the acreage and description  
of the lands to which water has been applied and name  
of the owner thereof.....  
No

Sec. 11. 28. 22

Locate point of appropriation  
place of use, if possible.  
Each small square represents 6  
acres.

6. The means of withdrawing such water from the ground and  
the location of each well or other means of withdrawal  
.....  
Electric Motor

7. The date of commencement and completion of the construction of the well, wells, or  
other works for withdrawal of groundwater.....  
1952 Spring

8. The depth of water table.....  
48 feet

9. So far as it may be available, the type, size and depth of each well or the general  
specifications of any other works for the withdrawal of groundwater.....  
Set 2 inch steel pipe

10. The estimated amount of groundwater withdrawn each year.....  
Seasonal use

11. The log of formation encountered in the drilling of each well if available.....  
Not available

12. Such other information of a similar nature as may be useful in carrying out the policy  
of this act, including reference to book and page of any county record.....  
See page 10 of record

Signature of Owner Robert Cox

STATE OF MONTANA  
County of Blue ss.

Date 12-31-63

..... having first been duly sworn, depose and say  
that ..he.. of lawful age and..... the appropriator... and claimant... of the  
order and water right mentioned in the foregoing declaration of vested groundwater  
rights and the person... whose name... subscribed thereto, as the appropriator... and  
claimant..., that ..he... knows.. the contents of said foregoing notice and that the  
matters and things therein stated are true.



252118  
252118

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 31 DAY  
OF December A. D. 1963  
AT 2:50 O'CLOCK P. M.  
Cora L. Mangione  
County Clerk  
Esther Sheet  
22

T. 25. R. 21.  
Twps. 27 & 28, N. 22  
County: Blaine

Count: ... Blaine

**Abstract**

*(continued)*

(Under Chapter 237, Montana Session Laws, 1961)

#1 x

#2 x 27

x #3

1 28 R 22

1 27 22

#4

1 27

1 27 R 22

x 27

E

Sec. 30 & 31-28-22,  
Sec. 8-27-22,  
Sec. 22-25-21

- Signature of Owner

Date December 30, 1963.

**Please answer all questions. If not applicable, so state, otherwise the form will be returned.**

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

4-1

252136

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 71 DAY  
OF 11 A. D. 1915  
AT 3 O'CLOCK P. M.  
COUNTY CLERK  
DEPUTY  
FEE 2.00

File No.....

T. 28 R. 22

DUPLICATE

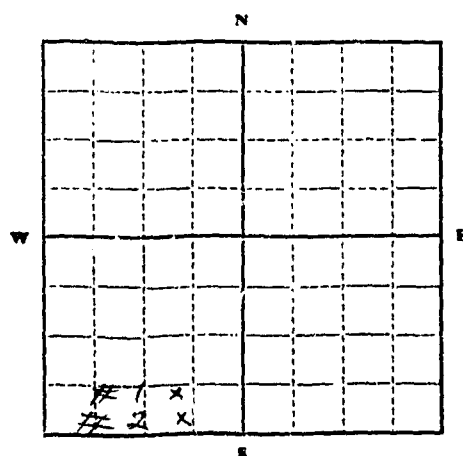
County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James J. Spencer, of Chinook,  
(Name of Appropriator) (Address) (Town)  
County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 3 T 28 R 22

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1, October 15, 1948;  
Well No. 2, September 1, 1955;
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26 gal. per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric pumps, 1 1/2 inch pipes.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well No. 1, Oct. 1, 1948, commenced, completed Oct. 15, 1948;  
Well No. 2, work commenced August 20, completed Sept. 1, 1955.
8. The depth of water table Well No. 1, 230 ft.; Well No. 2, 40 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth of water table given above.
10. The estimated amount of groundwater withdrawn each year 100000 gal. per year, total.  
Well No. 1, 50,000; well No. 2, 50,000 gallons pumped.
11. The log of formations encountered in the drilling of each well if available none available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21974

25-2137

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 31 DAY  
OF December A. D. 1963  
AT 4:50 O'CLOCK P.M.

Paul L. Magnus  
COUNTY CLERK  
Cather Street

PRE. 2<sup>02</sup>

DEPUTY

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 28 NORTH Rge. 23 EAST

[illegible]

File No. \_\_\_\_\_

T 38 R 23 15

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

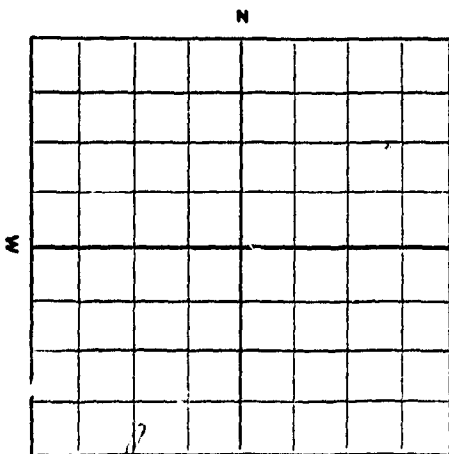
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level )  
43 brown clay & sand  
93 grey shale  
105 grey shaley sandstone  
110 grey shale  
112 dry sandstone  
113 hard shell  
113 grey shale  
134 hard shell  
135 grey shaley sandstone  
150 grey shale  
158 dark grey shale  
162 grey shaley sandstone  
171 grey sandstone water  
183 brown shale  
185 grey shale

Owner \_\_\_\_\_ Address \_\_\_\_\_  
Driller WILLIAM J. HILL Address 114 N. 1st St.  
Date of Notice of appropriation of ground water \_\_\_\_\_  
Date well started APRIL 8, 1965 Date Completed APRIL 14, 1965  
Type of well DRILLED Equipment used CHURN  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)  
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 8"                   | 6" 19#                    | 0           | 190       | 1 7/8" slots | 171         | 181       |



Static Water Level for non-flowing well 116 feet.  
Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 165 feet  
at 7 gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested hailer  
Length of Test one hour  
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_

Gravel packing 100 100 feet

Driller's License Number 15

Driller's Signature [Signature]

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

29102

File No. \_\_\_\_\_

T. 28 R 23 25

DUPLICATE

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0 43 brown clay & sand  
43 93 grey shale  
93 105 grey shaley sandstone  
105 110 grey shale  
110 112 dry sandstone  
112 113 hard shell  
113 134 grey shale  
134 135 hard shell  
135 150 grey shaley sandstone  
150 158 grey shale  
158 162 dark grey shale  
162 171 grey shaley sandstone  
171 183 grey sandstone water  
183 185 brown shale  
185 190 grey shale

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner ED DENEY Address MALTA, MONTANADriller SIMPSON DRILLING CO Address MALTA, MONTANA

Date of Notice of appropriation of ground water \_\_\_\_\_

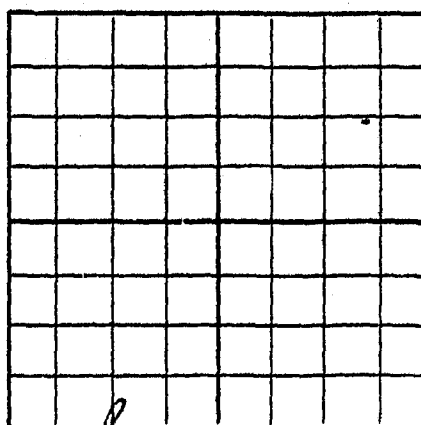
Date well started APRIL 8, 1965 Date Completed APRIL 14, 1965

Type of well DRILLED Equipment used CHURN  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 8"                   | 6" 19#                    | 0           | 190       | 2 7/8" slots | 171         | 181       |



E. 4th Sec 25 T28 R23  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing well 116 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 165 feetat 7 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested hailerLength of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if

used for irrigation) \_\_\_\_\_

gravel packed 160 190 feetDriller's License Number 15Driller's Signature [Signature]

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

39102



256176

STATE OF MONTANA  
County of Blaine  
FILED FOR RECORD THIS 3 DAY  
OF May A. D. 1965  
AT 11:00 O'CLOCK A M.  
Con. R. Meyer  
COUNTY CLERK  
Cathy Street  
FILE 2/2 DE: TY

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 27 NORTH Rge. 17 EAST

[illegible]

RECEIVED

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
RESOURCES AND CONSERVATION

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 272294

June 29, 1973

GW 1 11-26-8-17

Owner Earl Weaver

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor \_\_\_\_\_

Date Started 1958 Date Completed 1958

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 3 - developed spring  
in the 40 acre tract - w/pipe and tanks

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table \_\_\_\_\_

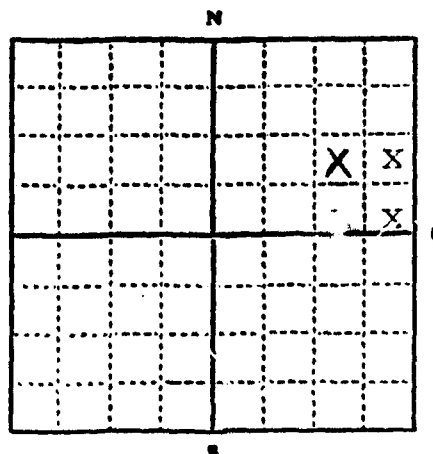
4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) each spring flows 2 gals. of water  
per minute

6. If used for irrigation, give number of acres and description of land none

7. Estimate amount of water used each year \_\_\_\_\_

8. Months of year spring flows year around



SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 3

T. 27 N R. 17 E  
S SW

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or estimated \_\_\_\_\_

Signature of Owner Earl Weaver

Date June 28 1973

54870  
24871

# 272295

STATE OF MONTANA  
County of Blaine

Filed for record this 29 Day  
of June A. D. 19 73  
At 11:58 O'Clock A M.

County Clerk  
Sandra Lenhardt  
Deputy  
Fee 2.00